



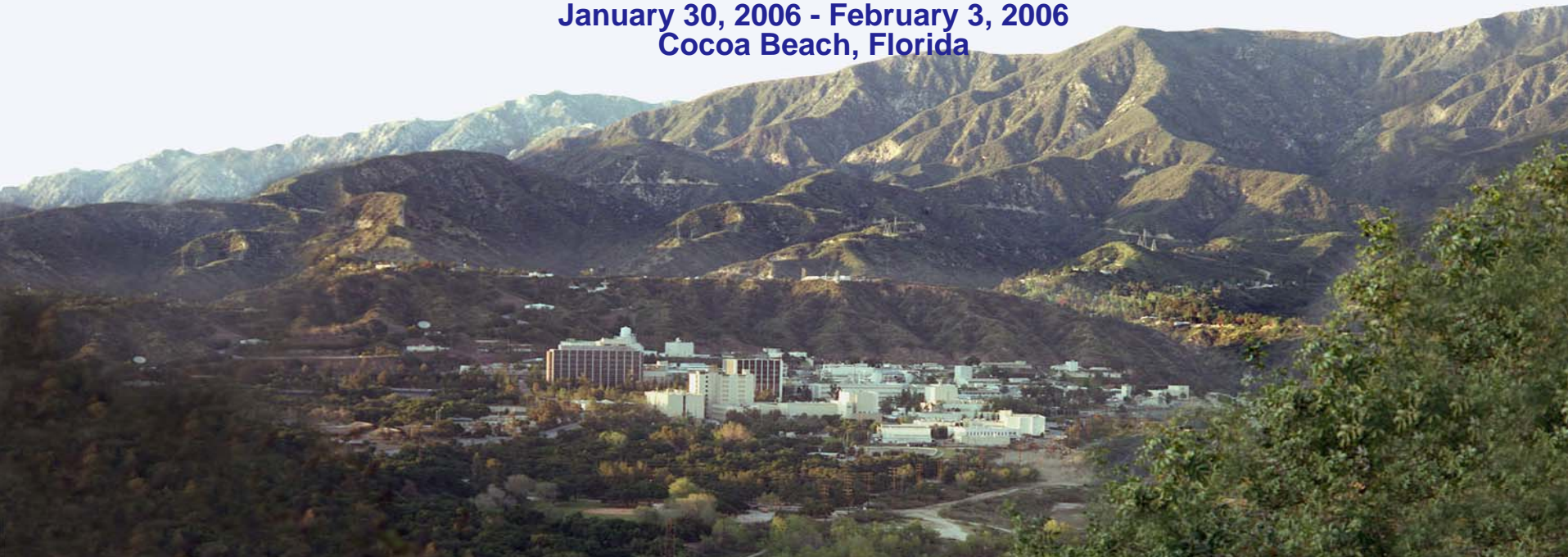
National Aeronautics and
Space Administration

Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California

NASA 2006 SAFETY & HEALTH MANAGERS' MEETING

**P. J. Smith-Araki
Jet Propulsion Laboratory**

**January 30, 2006 - February 3, 2006
Cocoa Beach, Florida**





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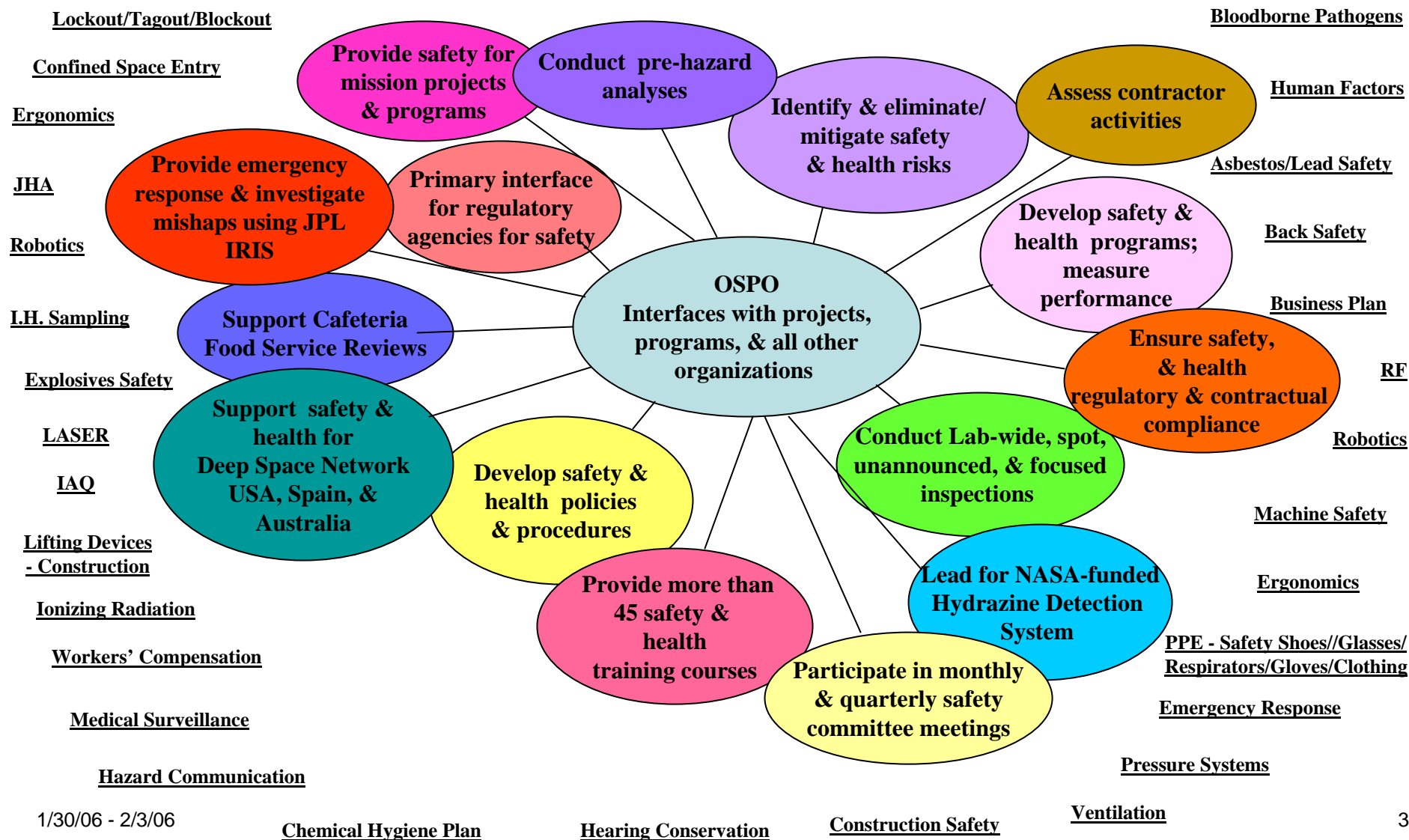
AGENDA

- JPL FY05 Safety & Health Key Accomplishments
- JPL FY06 Safety & Health Areas for Improvement/Key Activities
- New Visitor Safety Video

*Note: Status Legend: Green – Completed/On Target;
Yellow – Not Fully Completed; Red – Not Completed.*



Occupational Safety Program Office (OSPO) Tasks and Programs





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- | <u>JPL FY05 Safety & Health Key Accomplishments</u> | <u>Status</u> |
|---|---|
| <ul style="list-style-type: none">– <u>Communication</u>: Installed “Green Safety Boards” to increase awareness for safety information that includes the organization’s injury/illness trends. | Beta testing in Divisions 2X, 31, & 53, until 4/06. |





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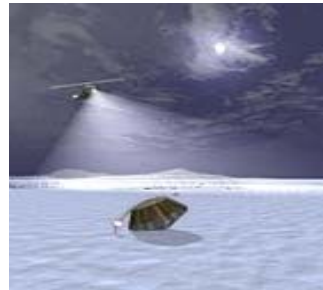
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• JPL FY05 Safety & Health Key Accomplishments

Status

- Project Support: Provided hazard analyses, Human Factors, and PPE recommendations for Genesis, Deep Impact, and Stardust.

Completed.



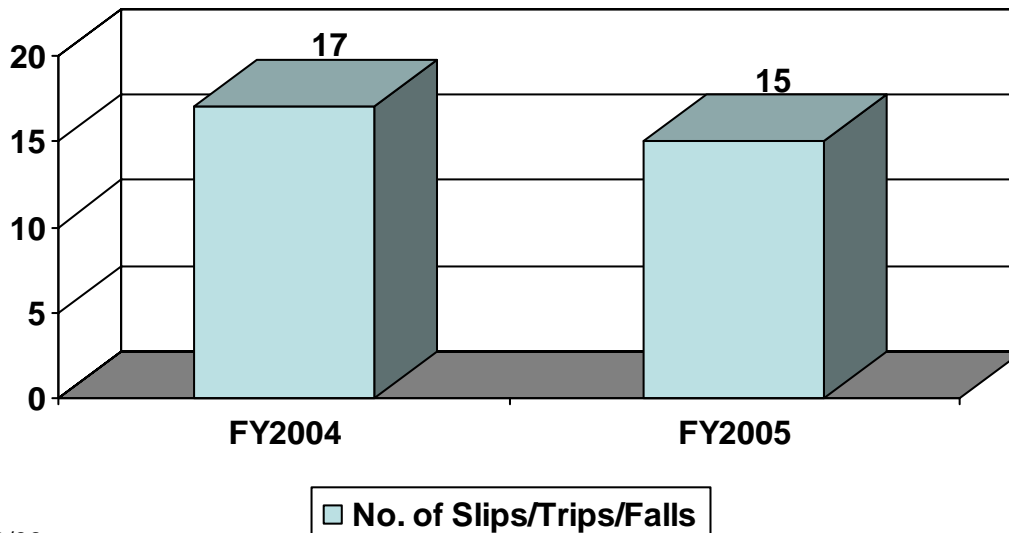


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• JPL FY05 Safety & Health Key Accomplishments

Status

- **Number One Cause of Injuries:** A third party analysis was conducted to assess previous slip/trip/fall findings and corrective actions for walking/working surfaces to determine if there has been a reduction of injuries and correction and closure of findings.



Reduction of injuries by 12% in FY05 from FY04. Number of corrective actions were 177 from 12/00 to 12/05. Thirty-one open items.



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JPL FY05 Safety & Health Key Accomplishments

Status

- **Ergonomics**: Performed a third party assessment of 31 computer-related/repetitive motion illnesses identified during CY04 to determine status of recommended corrective actions.

Implemented 90% of corrective actions & 10% to be completed by 10/06.





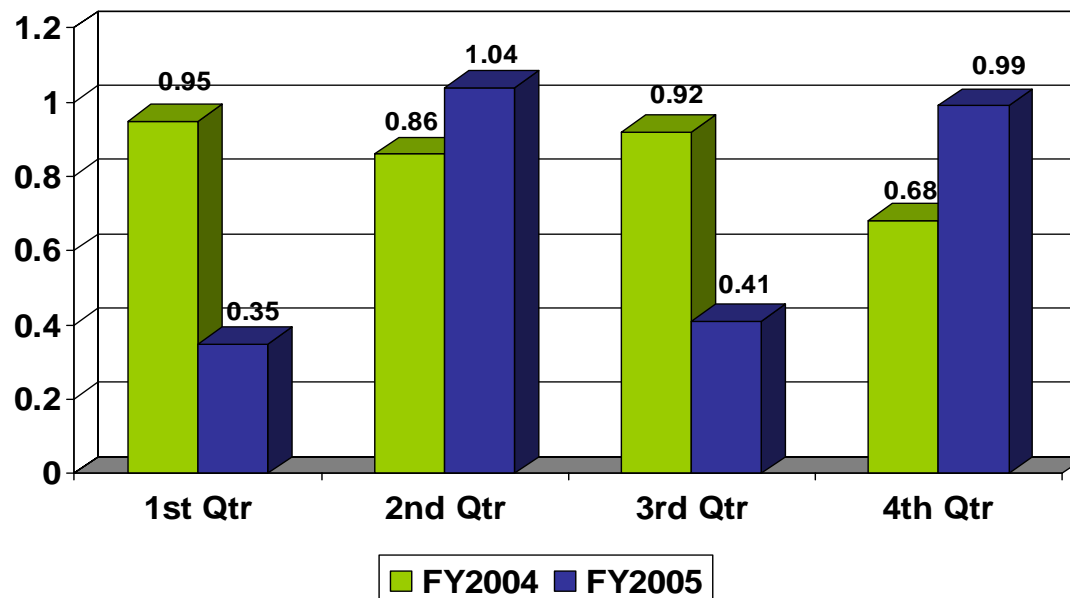
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• JPL FY05 Safety & Health Key Accomplishments

Status

- Frequency Rate Reduction: Goal to reduce the FY05 injury/illness frequency rate by 5% from the FY04 frequency rate.

**Completed
goal reduction.**





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- **JPL FY05 Safety & Health Key Accomplishments**

Status

- **Safety Videos**: Began development of New Employee Orientation, Construction Project Manager, and Construction Worker videos; revise existing Visitor Orientation video.

**Completed
scripts and
photo shoots.
Videos in
editing phase.**



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| • <u>JPL FY06 Areas for Improvement/Key Activities</u> | <u>Status</u> |
|---|--|
| <ul style="list-style-type: none">- <u>Frequency Rates</u>: Reduce the injury/illness frequency rate by 3% from FY05 to FY06. | In process & available at year end. |
| <ul style="list-style-type: none">- <u>Succession Planning</u>: Developed an Occupational Safety Program Office Succession Planning Report for management positions, FY06 – FY12. | Completed report 1/4/06. |



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| • <u>JPL F06 Areas for Improvement/Key Activities</u> | <u>Status</u> |
|--|---|
| <ul style="list-style-type: none"><li data-bbox="205 439 1351 714">- <u>Third Party Re-Validation:</u> Conduct a Third Party Re-Validation of the safety program, 2/14/06 – 3/17/06. Former validation was in 2002. <p data-bbox="300 811 1016 851"><i>Note: Prime Contract equivalent of VPP.</i></p> | <p data-bbox="1424 445 1846 1068">Announcement to Lab. Safety Comm. & Supvr. /Mgr.- 1/06; Schedule inspections, interviews, document reviews, & management meetings.</p> |



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| • <u>JPL FY06 Areas for Improvement/Key Activities</u> | <u>Status</u> |
|---|---|
| <p data-bbox="91 382 561 432"><u>Ionizing Radiation:</u></p> <ul style="list-style-type: none"><li data-bbox="91 446 1245 746">- <u>New Officers:</u> Request the approval of the California Department of Health Services, Radiologic Health Branch, for new Radiation Safety Officer and Alternate Radiation Safety Officer.<li data-bbox="91 825 1378 1132">- <u>Increased Controls:</u> Request an extension to 3/31/08 from the California Department of Health Services, Radiologic Health Branch, to implement the new ionizing radiation requirements for increased controls. | <div data-bbox="1429 396 1867 682"><p data-bbox="1448 454 1810 632">Letter to State of Ca. 12/5/05. Pending reply.</p></div> <div data-bbox="1429 811 1867 1096"><p data-bbox="1448 868 1810 1046">Letter to State of Ca. 12/7/05. Pending reply.</p></div> |



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- | <u>JPL FY06 Areas for Improvement/Key Activities</u> | <u>Status</u> |
|---|---|
| <ul style="list-style-type: none">- <u>Flammable Storage Cabinet Permit Program:</u> Develop program for users to acquire and use flammable storage cabinets. Ensure approved permits, proper labeling, inventory, MSDS availability, and storage compatibility. | Announce program 1/06; Identify number/ location of cabinets; issue permits by 6/2/06. |





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| • <u>JPL FY06 Areas for Improvement/Key Activities</u> | <u>Status</u> |
|--|---|
| <ul style="list-style-type: none"><li data-bbox="158 501 1443 629">- <u>Institutional, Facility, & Operational (IFO) Review:</u> Prepare for the 9/06 NASA IFO Review. | <div data-bbox="1490 522 1879 1086"><p>Weekly planning meetings held by lead personnel; task list scheduled to be released 2/06.</p></div> |



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| <u>JPL FY06 Areas for Improvement/Key Activities</u> | <u>Status</u> |
|---|----------------------|
|---|----------------------|

- **Safety Videos:** Roll-out revised Visitor Orientation video and new Construction for Project Management, Construction Worker, and New Employee Orientation videos.

**Videos
completed
2/06.**

Note: Will be showing the revised Visitor Orientation Video – 14.7 minutes.